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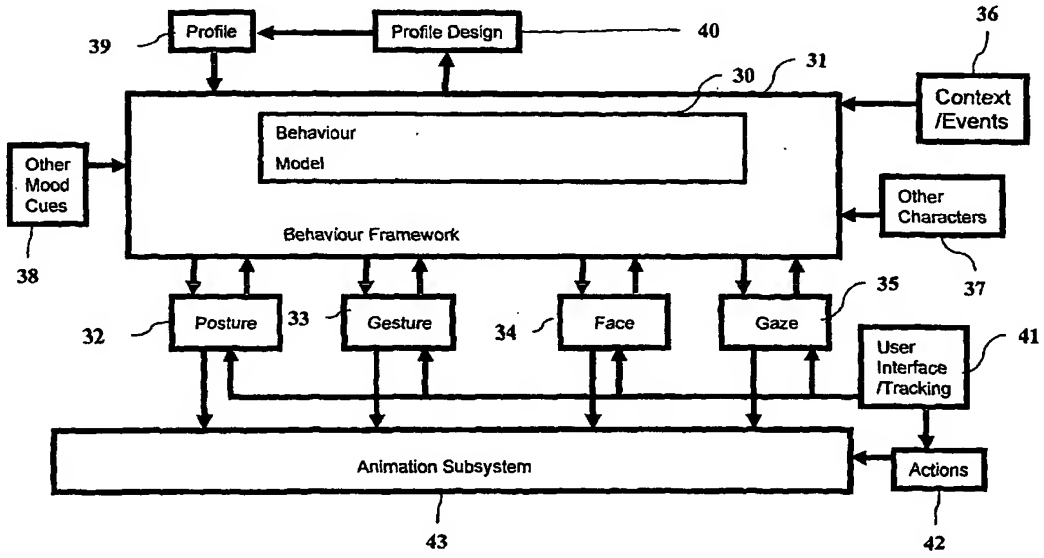
(54) Title: APPARATUS AND METHOD FOR GENERATING BEHAVIOUR IN AN OBJECT



(57) Abstract: A hierarchical behavioural framework is used to generate and control autonomous and semi-autonomous behaviour in an articulate object. A behavioural controller is arranged to receive input associated with a behavioural action, to infer a plurality of behavioural parameter values using the framework, and to generate equivalent behaviour in the articulate object using the parameter values when loaded in the behavioural controller to generate output corresponding to the equivalent behaviour. The equivalent behaviour may reproduce the inputted behavioural action, and /or comprise one or more other behavioural actions, which may be performed simultaneously or as part of a sequence of actions.

WO 2004/086208 A3

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, COMPENDEX, IBM-TDB, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X	WO 01/27879 A (ELECTRONIC ARTS INC) 19 April 2001 (2001-04-19) page 2, line 18 - line 32 page 7, line 22 - page 8, line 1 page 11, line 5 - line 27 page 12, line 15 - line 27 page 18, line 26 - page 19, line 6 page 19, line 20 - page 20, line 4 page 23, line 23 - line 32 page 25, line 1 - line 19 page 29, line 6 - line 8 figures 1,2,7-11 ----- -/--	1-66

[X] Further documents are listed in the continuation of box C.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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X	SATO J ET AL: "Autonomous behavior control of virtual actors based on the AIR model" COMPUTER ANIMATION '97 GENEVA, SWITZERLAND 5-6 JUNE 1997, LOS ALAMITOS, CA, USA,IEEE COPUT. SOC. P, US, 5 June 1997 (1997-06-05), pages 113-118, XP010227328 ISBN: 0-8186-7984-0	1,6-12, 15,19, 21,23, 24, 32-35, 38,39, 42-46, 48,49, 52,61
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